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(74) Agent: **DRAKEFORD, Robert, William**; British American Tobacco R & D Centre, Patents Department, Regents Park Road, Southampton SO15 8TL (GB).

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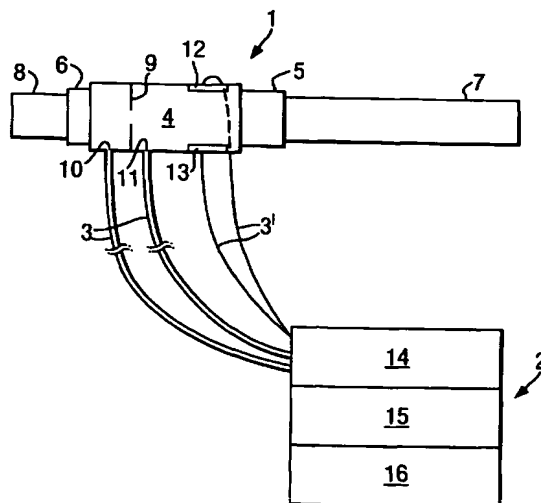
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(54) Title: **SMOKING BEHAVIOUR ANALYSER**



(57) Abstract: The invention relates to smoking behaviour analyser that allows a puff by puff real time analysis of a person's smoking behaviour whilst smoking. The device comprises smoking article mounting means for holding a smoking article in fluid-flow communication with fluid flow pressure drop detection means and smoke density detection means for detecting the optical density of the smoke; signal conversion means to convert signals obtained from the fluid flow pressure drop detection means and smoke density detection means into data; and data processing means operable to process data and provide a calculation of a delivery value of particulate phase smoke components from a smoking article. The data is displayed in graphical and/or numerical form.

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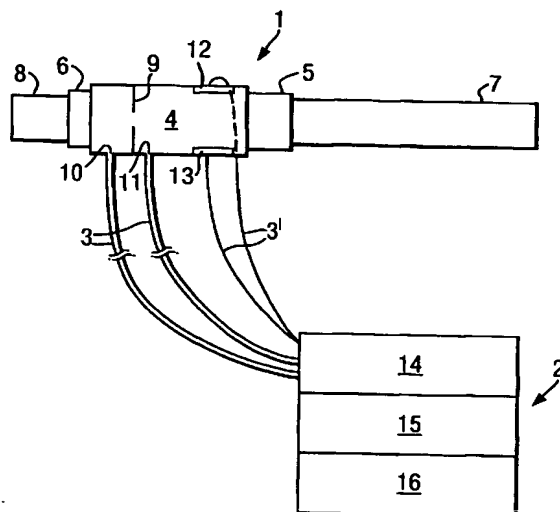
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A. CLASSIFICATION OF SUBJECT MATTER
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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, COMPENDEX, FSTA

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	WO 02/098245 A (BRITISH AMERICAN TOBACCO CO ; READ GRAHAM ALBERT (GB); WARREN NIGEL) 12 December 2002 (2002-12-12) cited in the application abstract; figure 1	1-38
A	CH 503 986 A (GALLAHER LTD) 28 February 1971 (1971-02-28) column 10, line 53 - line 67; figure 1	1
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A	US 5 044 380 A (CROOKS EVON L ET AL) 3 September 1991 (1991-09-03) column 4, paragraph 2 - paragraph 3	1
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☒ Patent family members are listed in annex.

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Pille, S

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB 03/05153

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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